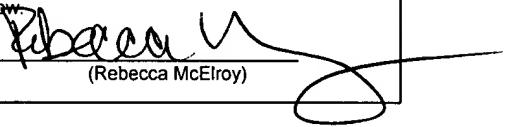




Whereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to:  
MS Post Issue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450, on the date shown below.

Dated: June 10, 2004 Signature:   
(Rebecca McElroy)

  
Docket No.: 240042052403  
(PATENT)



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---

In re Patent Application of:  
Jeffrey GLENN

Patent No.: 6,627,610

Issue Date: September 30, 2003

For: METHOD FOR INHIBITION OF VIRAL  
MORPHOGENESIS

---

### MISCELLANEOUS OFFICE COMMUNICATION

MS Post Issue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

By way of background, on April 12, 2002, Applicant's attorney spoke with Examiner Brumbeck regarding proposed amendments to claims 13, 22 and 23. An Interview Summary (Paper No. 14) was mailed by Examiner Brumbeck with the Notice of Allowance on September 10, 2002 indicating that she "will consider the data presented with the amendment after final as well as data previously presented with amendment B upon receipt of the formal amendment after final."

On December 10, 2002, Applicant mailed payment of the issue fee, submitted formal drawings, and an Amendment under 37 C.F.R. §1.312 amending claims 22 and 23 and adding claims 24-55. Claims 24-55 added no new matter and support can be found in the specification for these claims. Additional fees were paid for the new claims at the time the amendment was filed. Attached as Exhibit "A" are copies of the following documents received by the U.S. Patent and Trademark Office on December 16, 2002:

1. Issue Fee Transmittal – 1 page
2. Fee Transmittal, 1 page (in duplicate)
3. Amendment Under 37 CFR 1.312, 6 pages
4. Drawings Transmittal, 1 page
5. Formal Drawings, 2 pages (Figs. 1-4)
6. USPTO date stamped Dec. 16, 2002 - Return Postcard

On September 30, 2003, the subject application issued as a Patent without the requested amendments. Examiner Brenda Brumbeck was contacted and informed this office, in a telephonic message, that she did not "see any record that a 312 amendment was received or matched with the case." She further indicated "that is probably why the claims are not showing in the issued patent" and suggested applicant file a Certification of Correction.

Due to the U. S. Patent and Trademark Office's error and oversight, Applicant's patent issued without the additional claim amendments . Therefore, as instructed by Examiner Brumbeck, we are submitting a Certificate of Correction with the proposed amendments to claims 22 and 23 (now Claims 8 and 9 on issued patent) and adding claims 10-41 (renumbered to correlate with claims on issued patent). Applicant respectfully requests replacement of the issued claims 8 and 9 and the addition of new claims 10-41 as indicated in the Certificate of Correction submitted herewith.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-1952, under Docket No. 240042052403.

Dated: June 10, 2004

Respectfully submitted,

By \_\_\_\_\_  
Peng Chen

Registration No.: 43,543  
MORRISON & FOERSTER LLP  
3811 Valley Centre Drive, Suite 500  
San Diego, California 92130  
(858) 720-5117

**AMENDMENT**

Please enter the following amendments without prejudice or disclaimer.

**In the Claims:**

Please replace claims 22 and 23 with the following clean set of amended claims 22 and 23. A mark-up version of the amended claims 22 and 23 is attached hereto as Exhibit A.

22. (Amended) The method of claim 13, wherein said agent is an inhibitor of a farnesyltransferase.

23. (Amended) The method of claim 13, wherein said agent is an inhibitor of a geranylgeranyltransferase.

Please add new claims 24-55 as follows.

24. (New) The method of claim 13, wherein said agent mimics the amino acid sequence of the "CXXX" (SEQ ID NO:1) box as it occurs in said protein.

25. (New) The method of claim 13, wherein said agent mimics the amino acid sequence of the "XCXX" (SEQ ID NO:4) box as it occurs in said protein.

26. (New) The method of claim 13, wherein said agent mimics the amino acid sequence of the "XXCX" (SEQ ID NO:5) box as it occurs in said protein.

27. (New) The method of claim 13, wherein said agent mimics the amino acid sequence of the "XXXC" (SEQ ID NO: 6) box as it occurs in said protein.

28. (New) The method of claim 16, wherein said subject is an animal or a plant.

29. (New) The method of claim 28, wherein said animal is a mammal.
30. (New) The method of claim 29, wherein said mammal is a human.
31. (New) The method of claim 29, wherein said mammal is a non-human primate.
32. (New) The method of claim 22, wherein said subject is an animal or a plant.
33. (New) The method of claim 32, wherein said animal is a mammal.
34. (New) The method of claim 33, wherein said mammal is a human.
35. (New) The method of claim 33, wherein said mammal is a non-human primate.
36. (New) The method of claim 23, wherein said subject is an animal or a plant.
37. (New) The method of claim 36, wherein said animal is a mammal.
38. (New) The method of claim 37, wherein said mammal is a human.
39. (New) The method of claim 37, wherein said mammal is a non-human primate.
40. (New) The method of claim 24, wherein said subject is an animal or a plant.
41. (New) The method of claim 40, wherein said animal is a mammal.
42. (New) The method of claim 41, wherein said mammal is a human.
43. (New) The method of claim 41, wherein said mammal is a non-human primate.
44. (New) The method of claim 25, wherein said subject is an animal or a plant.

45. (New) The method of claim 44, wherein said animal is a mammal.
46. (New) The method of claim 45, wherein said mammal is a human.
47. (New) The method of claim 45, wherein said mammal is a non-human primate.
48. (New) The method of claim 26, wherein said subject is an animal or a plant.
49. (New) The method of claim 48, wherein said animal is a mammal.
50. (New) The method of claim 49, wherein said mammal is a human.
51. (New) The method of claim 49, wherein said mammal is a non-human primate.
52. (New) The method of claim 27, wherein said subject is an animal or a plant.
53. (New) The method of claim 52, wherein said animal is a mammal.
54. (New) The method of claim 53, wherein said mammal is a human.
55. (New) The method of claim 53, wherein said mammal is a non-human primate.

## REMARKS

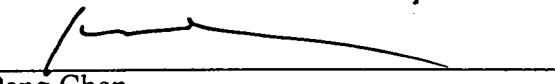
Applicant respectfully requests entry of the claim amendment set forth herein. No new matter is added. This amendment is filed before payment of the issue fee.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 240042052403. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: Dec. 10, 2022

By:

  
Peng Chen  
Registration No. 43,543

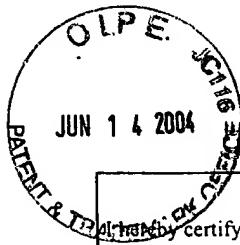
Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-5147  
Facsimile: (858) 720-5125

**EXHIBIT A. VERSION WITH MARKINGS TO SHOW CHANGES MADE**

Please amend claims 22 and 23 as follows:

22. (Amended) The method of claim 13, wherein [the prenyl transferase is a farnesyltransferase] said agent is an inhibitor of a farnesyltransferase.

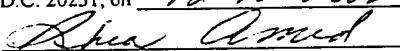
23. (Amended) The method of claim 13, wherein [the prenyl transferase is a geranylgeranyltransferase] said agent is an inhibitor of a geranylgeranyltransferase.



PATENT  
Docket No. 240042052403

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231, on 12-10-2002

  
RHEA AMID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jeffrey GLENN

Serial No.: 09/687,267

Filing Date: October 13, 2000

For: METHOD FOR INHIBITION OF VIRAL  
MORPHOGENESIS

Examiner: Brenda G. BRUMBACK

Group Art Unit: 1642

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box: Missing Parts

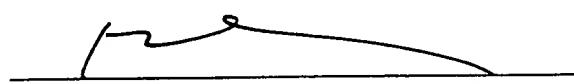
Dear Sir:

Enclosed is two (2) sheets of formal drawings (Figs. 1-4) in connection with the above-identified application.

Respectfully submitted,

Dated: Dec 10, 2002

By:

  
Peng Chen  
Registration No. (43,543)  
Morrison & Foerster LLP  
3811 Valley Centre Dr.  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-5117  
Facsimile: (858) 720-5125



1/2

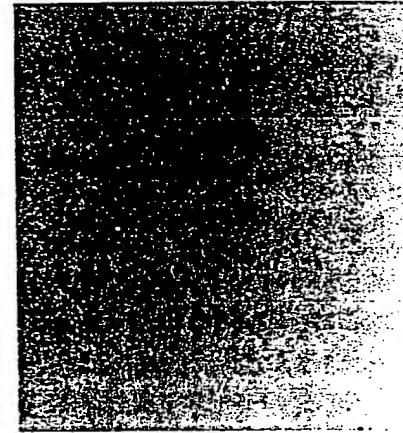
kd  
32.5 —  
27.5 —



1 2 3

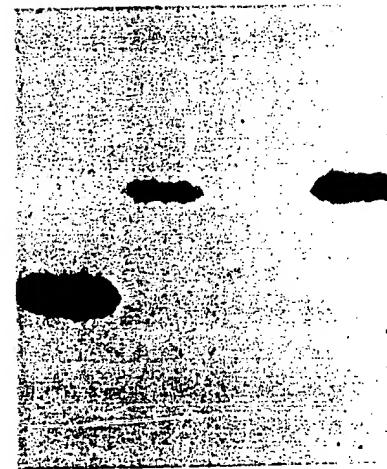
**FIG.\_1A**

— L  
— S



1 2 3

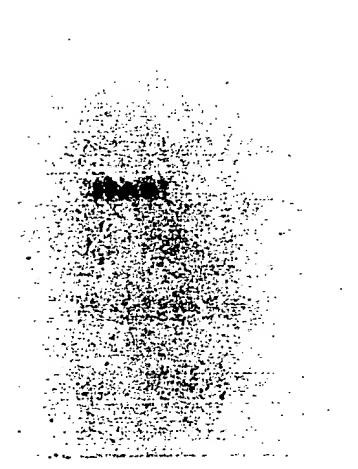
**FIG.\_1B**



1 2 3 4

**FIG.\_2A**

— L  
— S



1 2 3 4

**FIG.\_2B**



2/2



1 2 3

**FIG.\_3A**



4 5 6

**FIG.\_3C**



375 —

37.5 —



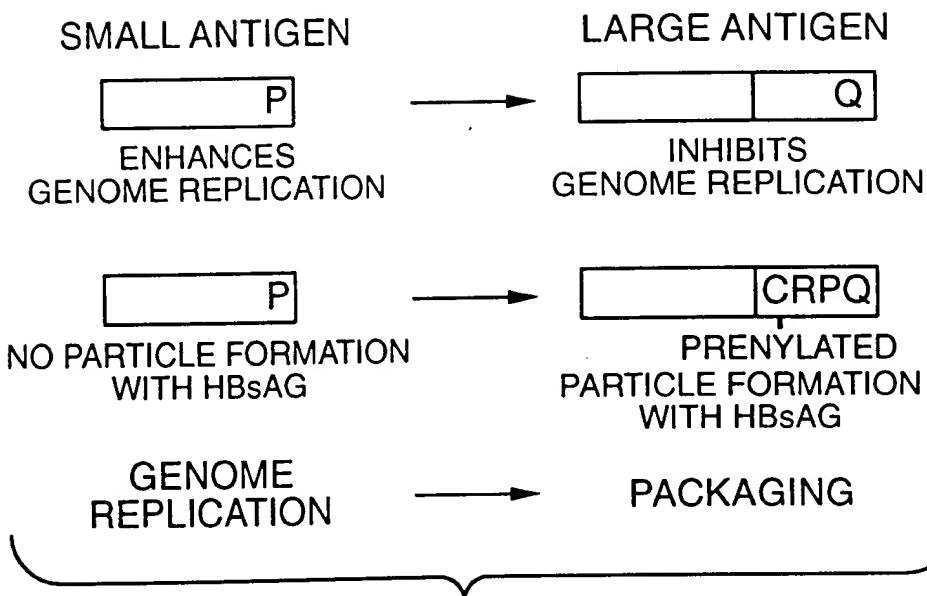
L  
S

1 2 3

**FIG.\_3B**



**FIG.\_3D**



**FIG.\_4**

Docket No.: 240042052403	Atty: PENG CHEN/ra
Serial No.: 09/687,267	Filing Date: October 13, 2000
Title: METHOD FOR INHIBITION OF VIRAL MORPHOGENESIS	
Date of Mailing: December 10, 2002 via First Class Mail	

Papers enclosed:

1. Issue Fee Transmittal - 1 page
2. Fee Transmittal, 1 page (in duplicate);
3. Amendment Under 37 CFR 1.312, 6 pages
4. Drawings Transmittal, 1 page
5. Formal Drawings, 2 pages (Figs 1-4)
6. Return Postcard.

Docket No.: 240042052403	Atty: PENG CHEN/ra
Serial No.: 09/687,267	Filing Date: October 13, 2000
Title: METHOD FOR INHIBITION OF VIRAL MORPHOGENESIS	
Date of Mailing: December 10, 2002 via First Class Mail	

Papers enclosed:

1. Issue Fee Transmittal - 1 page
2. Fee Transmittal, 1 page (in duplicate);
3. Amendment Under 37 CFR 1.312, 6 pages
4. Drawings Transmittal, 1 page
5. Formal Drawings, 2 pages (Figs 1-4)
6. Return Postcard.



RECEIVED

DEC 23 2002

MORRISON & FOERSTER  
SAN DIEGO

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE  
 Commissioner for Patents  
 Washington, D.C. 20231  
 Fax (703)746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)  
 25225 7590 09/10/2002

MORRISON & FOERSTER LLP  
 3811 VALLEY CENTRE DRIVE  
 SUITE 500  
 SAN DIEGO, CA 92130-2332



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**  
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Rhea Amid	(Depositor's name)
<i>Rhea Amid</i>	(Signature)
12-10-2002	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,267	10/13/2000	Jeffrey Glenn	240042052403	1206

TITLE OF INVENTION: METHOD FOR INHIBITION OF VIRAL MORPHOGENESIS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$640	\$0	\$640	12/10/2002

EXAMINER	ART UNIT	CLASS-SUBCLASS
BRUMBACK, BRENDA G	1642	514-100000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Morrison & Foerster LLP  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

### 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent)       individual     corporation or other private group entity     government

4a. The following fee(s) are enclosed:

- Issue Fee  
 Publication Fee  
 Advance Order - # of Copies 14

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Ling Chen (Reg No: 43,543) (Date) Dec. 10, 2002

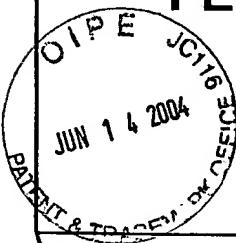
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

# FEE TRANSMITTAL FOR FY 2002



Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$880.00

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-1952, referencing 240042052403**

Deposit Account Name **Morrison & Foerster LLP**

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

- Check  Credit Card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) **(\$)-0-**

## 2. EXTRA CLAIM FEES

Total Claims	42	- 20** =	22	Extra Claims	Fee from below	Fee Paid
Independent Claims	1	- 3** =	0	x	= \$	
Multiple Dependent					= \$	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claims, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$)198**

\*\* or number previously paid, if greater; For reissues, see above.

Complete if Known	
Application Number	09/687,267
Filing Date	OCTOBER 13, 2000
First Named Inventor	Jeffrey S. GLENN
Examiner Name	B. BRUMBACK
Group Art Unit	1642

TOTAL AMOUNT OF PAYMENT **\$880.00** Attorney Docket No. **240042052403**

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	640
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) **(14) Copies of Patent****42**

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

**(\$) 682**

## SUBMITTED BY

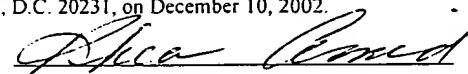
Complete (if applicable)

Name (Print/Type)	Peng Chen	Registration No. (Attorney/Agent)	43,543	Telephone	(858) 720-5117
Signature				Date	Dec. 10, 2000

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231, on December 10, 2002.

  
Rhea Amid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jeffrey S. Glenn

Serial No.: 09/687,267

Filing Date: October 13, 2000

For: METHOD FOR INHIBITION OF VIRAL  
MORPHOGENESIS

Examiner: B. Brumback

Group Art Unit: 1642

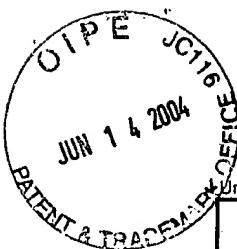
AMENDMENT UNDER 37 C.F.R. § 1.312

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicant respectfully requests entry of the following amendment to the claims. This amendment is filed before payment of the issue fee and applicant respectfully requests entry of the amendment pursuant to MPEP 714.16 and 37 C.F.R. § 1.312. A mark-up version of the amended claims 22 and 23 is attached hereto as Exhibit A.

No new matter is being added by this amendment. The amendment does not raise any issue not previously considered by the Examiner.



PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

23

Application Number	Patent No. 6,627,610
Filing Date	Issued: September 30, 2003
First Named Inventor	Jeffery GLENN
Art Unit	1642
Examiner Name	B. G. Brumback

Attorney Docket Number

240042052403

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Certificate of Correction (4 pages + duplicate) Miscellaneous Office Communication with attached Exhibit A (14 pages) Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Customer No. 25225

Certification

JUN 17 2004

of Correction

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MORRISON & FOERSTER LLP Peng Chen - 43,543
Signature	
Date	June 10, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Post Issue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 10, 2004

Signature:

(Rebecca McElroy)